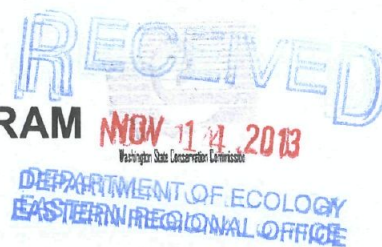


☐ Draft/Worksheet

☒ Submission/Final Date Recd: 10/25/13



**CONSOLIDATED APPLICATION FORM
IRRIGATION EFFICIENCIES GRANTS
PROGRAM/TRUST WATER RIGHTS PROGRAM**



Project Name: Gerald & Dorothy Magill, #2, (WR#281)

(Check all that apply.)

☐ Temporary

IF TEMPORARY, START DATE _____

Contract No. _____

END DATE _____

☒ Permanent

☒ Portion of the identified existing water right

****IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS****

1. Recipient Information:

☒ Yes ☐ No Does the Cost Share Recipient own all water rights pertinent to this project proposal?

APPLICANT/BUSINESS NAME Gerald & Dorothy Magill	PHONE NO. (509) 382-2783	FAX NO. ()
ADDRESS 108 South Touchet Road		
CITY Dayton	STATE WA.	ZIP CODE 99328

2. How is Water to be Made Available for Trust from Touchet River

<input type="checkbox"/> Alteration in method of diversion	<input checked="" type="checkbox"/> Alteration in water use/ irrigated acreage
<input type="checkbox"/> Alteration in method of delivery/conveyance	<input checked="" type="checkbox"/> Alteration in method of water application
<input type="checkbox"/> Other, Explain:	

Project Summary (Please be specific about every detail):

Gerald and Dorothy Magill's irrigated agriculture production properties along the North Touchet River and South Fork Touchet River, Surface Water Right #159 and 281 were assessed for the Office of Columbia River to identify program eligibility and potential water savings for placement into the "Water Trust Program". This assessment and consolidated application addresses Surface Water Right #281 and was completed by Jack Myrick, WSCC Irrigation Efficiencies Technical Coordinator, site visits with John Kirk DOE and Paul LaRiviere WDFW, Gerald Magill, landowner and Terry Bruegman, Columbia Conservation District Manager.

Onsite field assessments and consultation between all parties has identified savings on #281 by fallowing 12.9 acres and efficiency savings on 22.1 acres. Mr. Myrick and Mr. Kirk's findings conclude that these acres have historically been irrigated at .467 cfs and 133 acre feet. These acres are currently being irrigated under a combination of hand lines, wheel lines and Big Guns.

The Snake River Salmon Recovery Plan for SE Washington (Plan) and NOAA have identified the Upper Touchet River from the confluence of Patit Creek to Touchet headwaters as a Major Spawning Aggregation area (MSA) for recovery of Mid-Columbia Steelhead and Bull Trout.

Limiting factors including low flow and temperature were identified from Ecosystem Diagnosis Treatment (EDT) modeling analysis to identify priority habitat factors and priority actions to maximize recovery efforts. Any permanent/sustainable improvements in flow condition will increase the effectiveness of restoring floodplain connectivity, habitat diversity and riparian function. Any gains made through water right acquisition support the recovery effort in addressing low flow conditions throughout time while contributing to the various ecological benefits. This project supplements a previous irrigation efficiency project completed on other adjoining Magill properties.

Water Right #281 is one of two water rights being addressed through this irrigation efficiency project. The fiscal allocation derived from #281 and 159 are incorporated in the attached Project Cost Share Information page. The accumulated acres and water savings from Water Rights #159 and 281 are .2287 cfs, 87.69 af with 17.9 acres being fallowed.

As per the recommendation and support of John Kirk and Paul LaRiviere project implementation will include the conversion from a surface diversion to establishment of shallow well, 3 center pivots and associated required infrastructure. We are requesting that the new shallow water right authorization be a Supplemental Right to existing Surface Water Right, #281 with Supplemental Right being the primary source while retaining the right to return to surface with-drawl if shallow well fails to provide required water quantities for new center pivot irrigation system. This ensures that reduction in water quantity remains while landowner retains assurances that he will be able to address production agricultural requirements.

3. Project Cost Share Information

LEASE LENGTH PROPOSAL (IN YEARS)	<u>Perpetuity</u> YEARS
PROPOSED WATER SAVINGS AMOUNT (CFS)	<u>.1617</u> CFS
PERCENTAGE OF TOTAL WATER SAVINGS TO TRUST	<u>100</u> PERCENT
ESTIMATED COST OF PROJECT PROPOSAL See summary Project Cost Share Information page.	\$ _____
COST SHARE AMOUNT REQUESTED See summary Project Cost Share Information page.	\$ <u>0</u>
NUMBERS OF ACRES SERVED BY THIS PROPOSAL See summary Project Cost Share Information page.	<u>35</u> ACRES
COST PER ACRE See summary Project Cost Share Information page.	\$ _____
COST PER CFS See summary Project Cost Share Information page.	\$ _____
MATCH DOLLAR SOURCE? _____ AMOUNT: See summary Project Cost Share Information page.	\$ _____
COST PER ACRE-FOOT See summary Project Cost Share Information page.	\$ _____

WATER RIGHT DESCRIPTION

4. Water Right Holder Information

If Water Right Holder is the Cost Share Recipient, please skip to number 4.

NAME (IF DIFFERENT FROM ABOVE)	PHONE NO. () ()	FAX NO. () ()
IS THE WATER RIGHT HOLDER AN IRRIGATION DISTRICT?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IS THE PLACE OF USE WITHIN AN IRRIGATION DISTRICT?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ADDRESS		
CITY	STATE	ZIP CODE

5. Water Right Information:

Please attach copies of any documentation that demonstrates consistent, historical use of water since the right was established.

WATER RIGHT OR CLAIM NUMBER Surface Water Right #281	RECORDED NAME(S) Gerald Magill
DO YOU OWN THE RIGHT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF NO, PROVIDE OWNER(S) NAME and ADDRESS:	
HAS THE WATER BEEN PUT TO BENEFICIAL USE IN THE LAST FIVE (5) YEARS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE WATER DIVERSIONS / WITHDRAWALS OF THIS WATER RIGHT METERED OR MEASURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE PUMP-POWER RECORDS AVAILABLE FOR THE LAST FIVE YEARS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE AERIAL PHOTOS OF THE PROJECT SITE AVAILABLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE FSA CROP RECORDS AVAILABLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE THERE ANY OTHER RIGHTS, CLAIMS, OR RELEVANT CHANGES ASSOCIATED WITH THE PROJECT AREA? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IMPORTANT! PROVIDE INFORMATION OF THE EXTENT OF WATER USE FOR EACH OF THE LAST FIVE YEARS: WATER USE EXTENT DETERMINED BY JOHN KIRK, DOE AND FJACK MYRICK, WSCC. SAVED WATER QUANTITIES IDENTIFIED IN ATTACHED DOCUMENT.	

6. Project Water Information

NUMBER OF ESA OR SASSI LISTED SPECIES IN AFFECTED TRIBUTARY? Mid-Columbia Steelhead, Bull Trout and tribal re-introduced spring Chinook
MONTHS CRITICAL TO LISTED SPECIES? (PLEASE HIGHLIGHT OR CIRCLE) <div style="display: flex; justify-content: space-between; padding: 0 10px;"> JanuaryFebruaryMarchAprilMayJuneJulyAugustSeptemberOctoberNovemberDecember </div>
MONTHS WHEN PROJECT WATER SAVINGS WILL INCREASE INSTREAM FLOW IN PROJECT TRIBUTARY? <div style="display: flex; justify-content: space-between; padding: 0 10px;"> JanuaryFebruaryMarchAprilMayJuneJulyAugustSeptemberOctoberNovemberDecember </div>
HISTORIC / BENEFICIAL USE QUANTITY OF THE WATER RIGHT? (Highest of the last 5 irrigation seasons; in instantaneous rate and annual quantity) CFS <u>.467</u> AF <u>133</u>
TOTAL QUANTITY OF PROJECT WATER SAVINGS? CFS <u>.1617</u> AF <u>68.69</u>
WILL THE INSTANTANEOUS RATE SAVINGS VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (Please list quantities by month) <div style="display: flex; justify-content: space-between; padding: 0 10px;"> JanuaryFebruaryMarchAprilMayJuneJulyAugustSeptemberOctoberNovemberDecember </div>

QUANTITY OF PROJECT WATER SAVINGS TO TRUST?

CFS .1617 AF 68.69

WILL THE INSTANTANEOUS RATE SAVINGS APPLIED TO THE TRUST VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON?

☐ YES ☒ NO

(Please list quantities by month)

January February March April May June July August September October November December

Please explain:

IS THE WATER RIGHT PART OF AN ADJUDICATED BASIN?

☒ YES ☐ NO

EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS *WITHIN* THE PRIMARY REACH:

Touchet River Adj. Certificate No. 281

EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS *ABOVE* AND *BELOW* THE PRIMARY REACH:

Touchet River Adj. Certificate No. 281

7. Point(s) of Diversion/Withdrawal:

A. Existing POD

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
<u>Touchet River</u>	<u>281</u>	<u>NW</u>	<u>SE</u>	<u>32</u>	<u>10N</u>	<u>39E</u>		

Please include copies of all water well reports involved with this proposal. Also, if you know the distances from the nearest section corner to the above point(s) of diversion/withdrawal, please include that information in Item No. 6 (remarks) or as an attachment.

B. Proposed POD

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
<u>Shallow Well, supplement to Water Right #281</u>		<u>NW</u>	<u>SE</u>	<u>32</u>	<u>10N</u>	<u>39E</u>		<u>Planned Action</u>

8. Purpose of Use:

A. Existing Use of the Water Right

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
<u>Irrigation of 35 acres</u>	<u>.467 cfs</u>	<u>133</u>	<u>Annual</u>

B. Proposed Use of the Water Right

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
22.1 acres to be irrigated, 12.9 acres to be fallowed, includes 5 acres from Right #159. Saved water to be placed in "Trust"	0.3053 cfs	64.31 acre-ft	Annual

9. Place of Use:

A. Existing:

LEGAL DESCRIPTION OF LANDS WHERE WATER IS PRESENTLY USED:							
<u>Within the W1/2, SE1/4 and W1/2, SE1/4, SE1/4 Sec. 32, T10N, R39E lying south of the North Fork Touchet River and West of County Road (South Touchet Road).</u>							
$\frac{1}{4}$	$\frac{1}{4}$	SEC.	TWP.	RGE.	COUNTY	PARCEL #	# OF ACRES
<u>W1/2,</u>	<u>SE1/4</u>		<u>10N</u>	<u>39E</u>	<u>Columbia</u>		<u>35</u>
<u>W1/2</u>	<u>Se1/4,</u>	<u>32</u>					
	<u>1/4</u>						
DO YOU OWN ALL THE LANDS IN THE EXISTING PLACE OF USE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO – IF NO, PROVIDE OWNER(S) NAME:							

B. Proposed:

IDENTIFY THE WATER BODY TO BE BENEFITED OR OTHER PLACE TO BE BENEFITED
<u>Saved water placed into "Trust" for instream flow benefit in the Touchet River.</u>

10. Remarks and Other Relevant Information:

Right #281 is one (1) right of the package. Total Project encompasses two (2) rights the other being #159 which has a separate application being submitted under this proposal. Project cost is being calculated on combined bases between both applications, see attached Project Cost Share Information Summary page.

11. Signatures:

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I am hereby granting staff from the Department of Ecology access to the above site(s) for inspection and monitoring purposes. If assisted in the preparation of the above application, I understand that all responsibility for the accuracy of the information rests with me. I also understand that I may rescind this application at any time prior to signing the Irrigation Efficiencies Grants Program's Cost Share Agreement with no other obligations or requirements.

Merald S Magill
(Applicant/Cost Share Recipient)

8/16/13
(Date)

Dorothy A. Magill
(Applicant/Cost Share Recipient)

8/16/13
(Date)

Merald S Magill
(Water Right Holder)

8/16/13
(Date)

Dorothy A. Magill
(Water Right Holder)

8/16/13
(Date)

Merald S Magill
(Land Owner(s) of Existing Place of Use)

8/16/13
(Date)

Dorothy A. Magill
(Land Owner(s) of Existing Place of Use)

8/16/13
(Date)